

CLAIMS

1. A conveyor comprising a belt platform (11) for supporting the belt (19) of the conveyor in use, the conveyor being characterised in that substantially the whole of said belt platform (11) is formed as a unitary component from a single sheet of metal.
2. A conveyor comprising a belt platform (11) for supporting a belt (19) of the conveyor and a platform support arrangement (12, 13; 112, 113, 120) for supporting the belt platform from the ground, the conveyor being characterised in that said belt platform (11) and said platform support arrangement (12, 13; 112, 113, 120) is a unitary component formed from a single sheet of metal.
3. A conveyor as claimed in Claim 1 or Claim 2 characterised in that the belt platform (11) is supported from the ground by integral leg structures (12, 13; 112, 113, 120, 121) defining two pairs of support legs disposed adjacent opposite ends of the platform (11) respectively.
4. A conveyor as claimed in any one of the preceding Claims characterised in that the frame of the conveyor is substantially free of surfaces which are horizontal in use.
5. A conveyor as claimed in any one of the preceding Claims where characterised in that the platform (11) includes spaced parallel elongate channel-shaped side beams (14, 15) arranged with their open faces mutually presented.

6. A conveyor as claimed in any one of the preceding Claims characterised by a belt roller assembly (17, 18) supported at each end of the platform (11) respectively.

7. A conveyor as claimed in Claim 6 characterised in that said roller assemblies (17, 18) are slidably received within the channel sections of the side beams (14, 15).

8. A conveyor as claimed in Claim 6 or Claim 7 characterised in that at least one of said roller assemblies (17, 18) includes extensible means (49) whereby its roller can be moved towards or away from the opposite end roller to vary the tension in a belt (19) entrained, in use, around the rollers.

9. A conveyor as claimed in any one of Claims 6 to 8 characterised by detachable cover members (57) fitted over the ends of the side beams (14, 15) and the associated parts of the roller assemblies (17, 18) to shield these regions against ingress of foreign matter.

10. A conveyor as claimed in any one of preceding Claims 3 to 9 wherein each leg structure of the platform support arrangement includes a first component integral with one of said side beams (14, 15) and a second component fixed in use to the other of said side beams (14, 15) by way of a retainer (51; 151).

11. A conveyor as claimed in Claim 10 wherein the or each retainer (51; 151) is a moulded synthetic resin component.

12. A conveyor as claimed in any one of preceding Claims 3 to 11 wherein each leg structure includes first and second ground engaging parts

disposed respectively generally beneath said first and second side rails (14, 15) in use.

13. A conveyor as claimed in Claim 12 characterised in that each said ground engaging part carries a ground engaging foot (26), at least one of the ground engaging feet (26) being vertically adjustable in use.

14. A conveyor as claimed in Claim 13 characterised in that said ground engaging feet (26) are moulded synthetic resin members and are engaged with the respective leg parts as a push-fit.